Appendix C. IRD/ICD Schedule Formats

The figures in this appendix illustrate the records and schedules that will be maintained for the ICWG. Generally, the information shown in the figures will be updated monthly, and copies will be distributed at the monthly ICWG status meetings.

Figures C-1 and C-2 are examples of the schedules leading to the approval of the IRDs and ICDs, respectively.

Figure C-3 is an example of the ICWG IRD/ICD Status Matrix. This figure shows the total approval status for each IRD and ICD producer.

Figure C-4 and C-5 are examples of the listings of all IRDs and ICDs, respectively. These figures show the originator, the ESDIS Book Boss, the author, and the representative of the interfacing organization, as well as counts of requirements, TBDs, TBRs, TBSs, and TBCs.
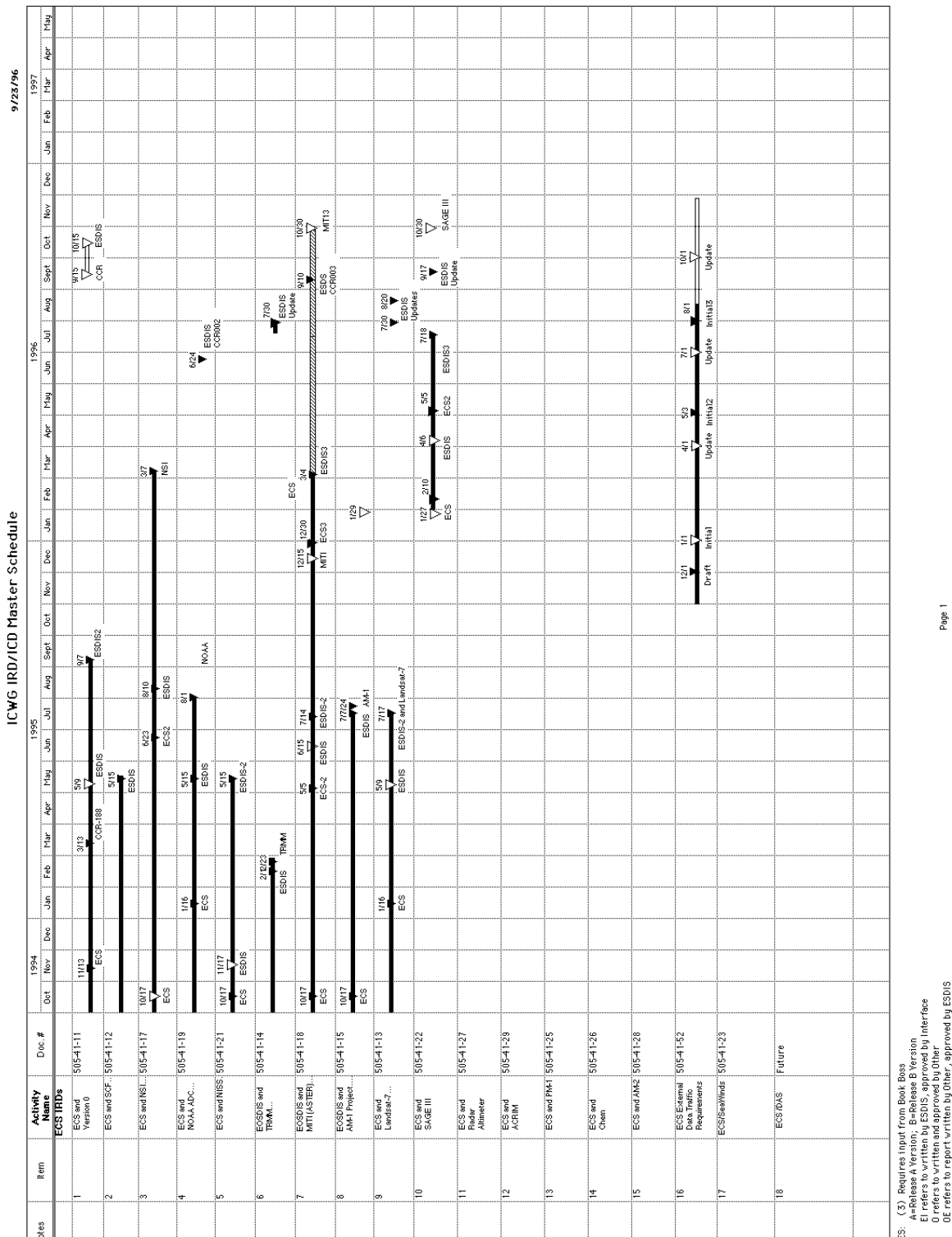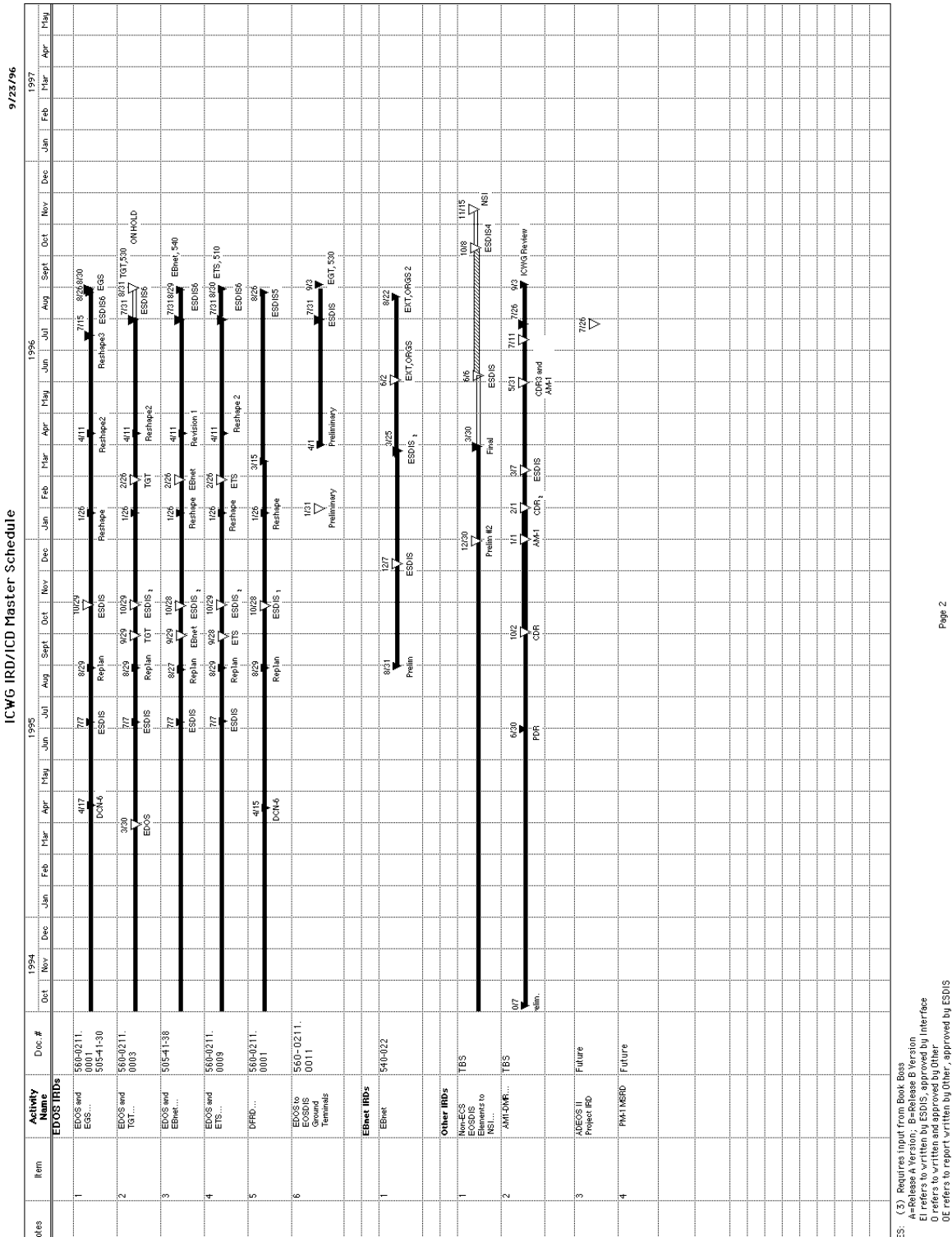
Figure C-1. Example of ESDIS IRD Master Schedule (1 of 2)

Figure C-1. Example of ESDIS IRD Master Schedule (2 of 2)
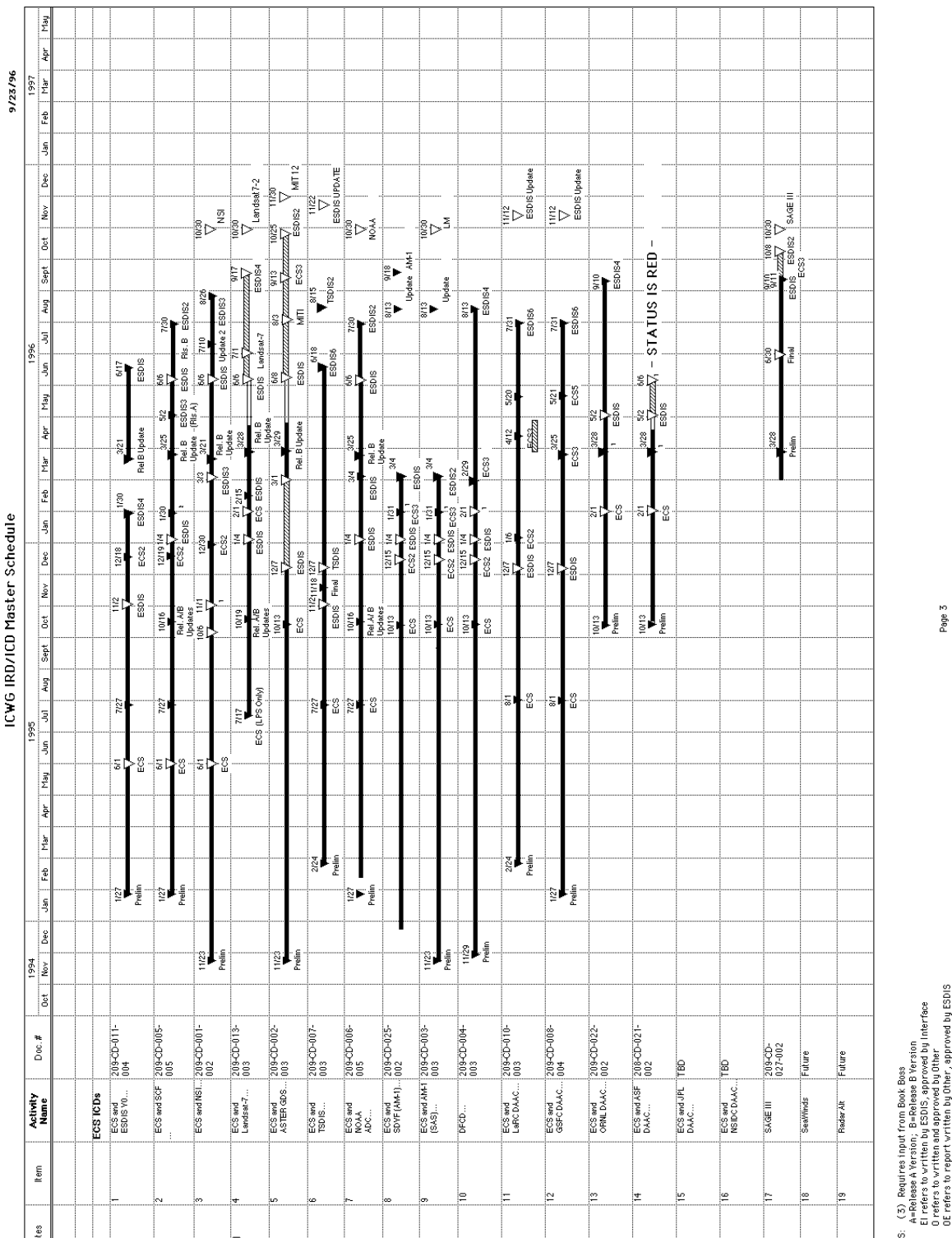
Figure C-2. Example of ESDIS ICD Master Schedule (1 of 4)

ICWG IRD/ICD Master Schedule

Page 4

NOTES: (3) Requires input from Book Boss
A=Release A Version; B=Release B Version
EI refers to written by ESDIS, approved by Interface
O refers to written and approved by Other
OE refers to report written by Other, approved by ESDIS

Figure C-2. Example of ESDIS ICD Master Schedule (2 of 4)

Figure C-2. Example of ESDIS ICD Master Schedule (3 of 4)

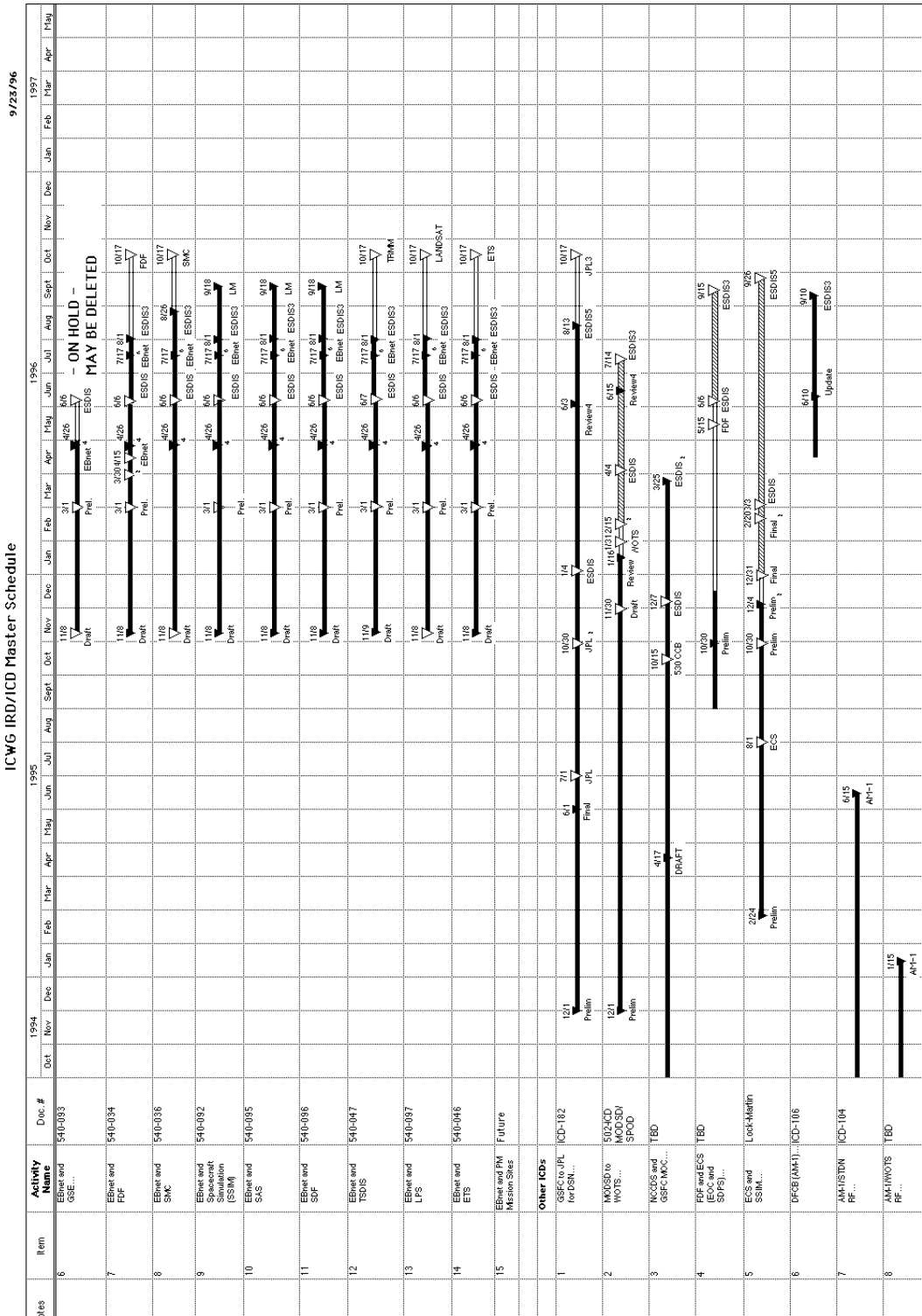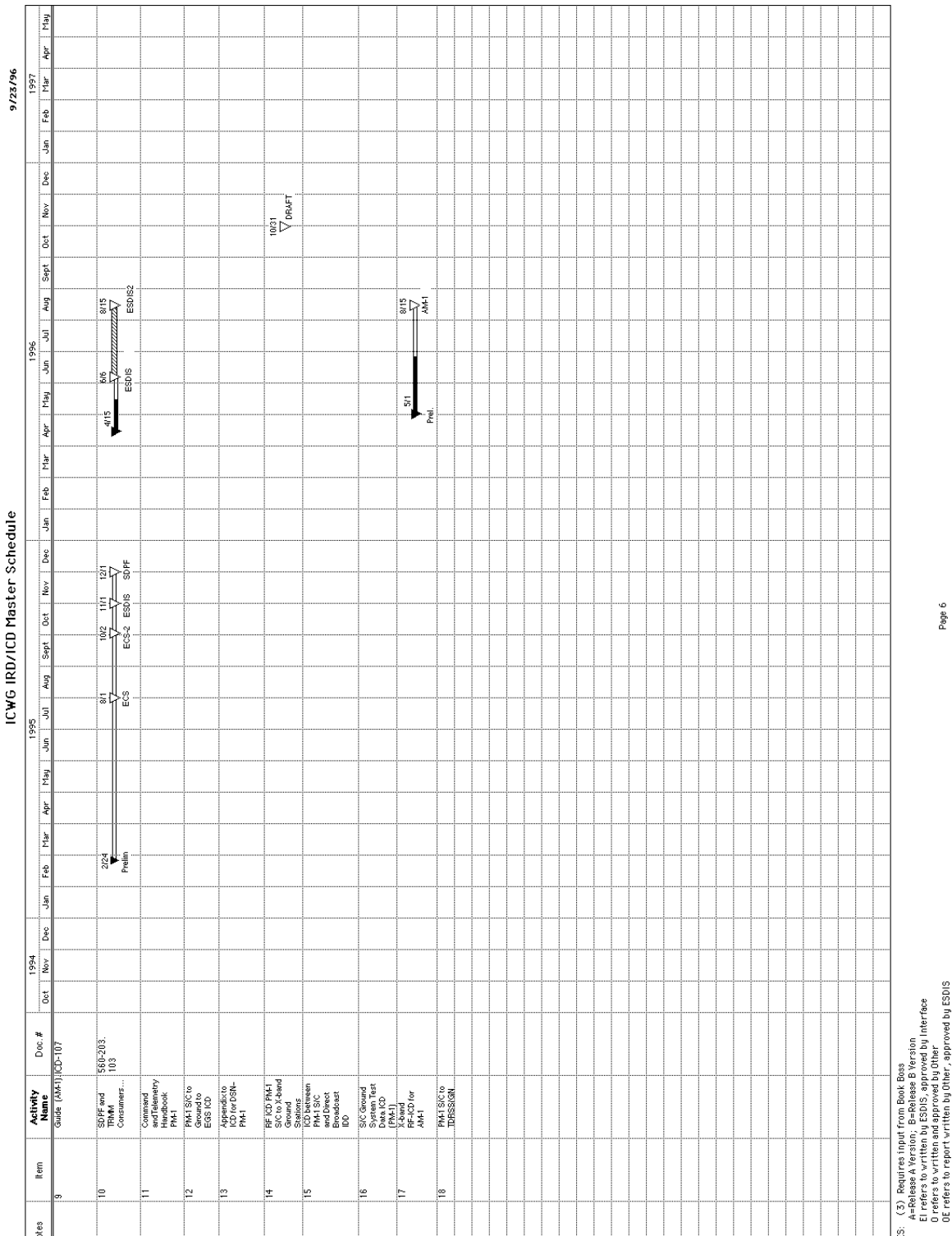*Figure C-2. Example of ESDIS ICD Master Schedule (4 of 4)*

	Total	Originating Organizations Baseline		ESDIS CCB Baseline		Interfacing Organizations Baseline		Future	Require-ments	TBDs	TBRs	TBSs	TBCs
		Scheduled	Completed	Scheduled	Completed	Scheduled	Completed						
IRDs													
	18	11	11	10	10	6	5	7	403	4	2	1	0
	6	6	6	6	6	5	4	0	199	0	0	0	0
	1	1	1	1	1	1	1	0	36	1	0	0	0
...er IRDs	4	2	2	1	0	0	0	2	162	4	1	3	0
Totals	29	20	20	18	17	12	10	9	800	9	3	4	0
ICDs													
	25	15	14	15	11	3	2	10	NA	95	101	28	0
	7	6	6	6	5	6	2	1	NA	1	2	2	
	15	14	13	14	12	4	4	1	NA	36	2	0	0
...er ICDs	18	8	6	7	3	2	0	7	NA	6	3	18	0
Totals	65	43	39	42	31	15	8	19		138	108	48	0

...er IRDs include: Non-ECS EOSDIS Elements/NSI, AM-1 DMR, ADEOS II Project, and PM-1 MSRD
...er ICDs include: NISS (X 4), AM-1 (X 6), PM-1 (X 7), and TRMM

1: Scheduled Vs. Completed refers to IRDs/ICDs that are scheduled to be baselined Vs. IRDs/ICDs that have actually been baselined.
2: The Future column refers to IRDs/ICDs that are planned, but not yet scheduled.
3: This matrix does not track ESDIS CCBs and Interfacing Organization Baselining as being scheduled until after the Originating Organizations have actually baselined the document.
4: In some cases there are several Interfacing Organizations associated with one document. This chart tracks all Interfacing Organizations for a given document as one item. When all of a documents Interfacing Organizations have "signed off", the Completed column will increment by one.

Figure C-3. Example of ICWG IRD/ICD Status Matrix

Document Title	Originators #	ESDIS #	Book Boss	Phone	Author(s)	Phone	Interfacing Organization	Phone	Current Status	Current Date (1)	Reqs.	TBDs	TBRs	TBSs
ECS IRDs														
IRD between ECS and the Version 0 System	Hughes 194 219-SE1-004	505-41-11	Greg Hunolt/ David Han	614-5116 614-5303	William Singleton	925-0655	DAACs David Han	614-5303	Complete	Sep-95	35	0	0	0
IRD between ECS and SCFs	Hughes 194 219-SE1-005	505-41-12	Stan Scott	614-5334	Stan West	925-0770	NA		Complete	May-95	39	0	0	0
IRD between ECS and NSI	Hughes 194 219-SE1-001	505-41-17	Dick desJardins	614-5329	Ezra Jaletta	925-0406	NSI		Complete	Aug-95	8	0	0	0
IRD between ECS and NOAA ADC	Hughes 194 219-SE1-006	505-41-19	Matt Schwaller	614-5382	Steve McAllister	925-0816	NOAA Pete Topoly		CCR 002 Approved	Jun-96	45	0	0	0
IRD between ECS and NISS	Hughes 194 219-SE1-020	505-41-21	Gene Smith	614-5250	Carol Chachulski/ Dan Urbina	925-0661/ 925-1086	NA		Complete	May-95	33	0	0	0
IRD between EOSDIS and the TRMM Ground System	Hughes 194 219-SE1-018	505-41-14	Karen Michael	614-5286	Debbie Foch	925-0777	TRMM Leroy Brown	286-8013	Approved	Jun-96	76	0	0	0
IRD between EOSDIS and MITI ASTER GDS Project	Hughes 194 219-SE1-002	505-41-18	Matt Schwaller	614-5382	Carol Chachulski/ Len Switalski	925-0661/ 925-0812	MITI Hiroshi Watanabe		MITI Signoff; CCR 003 Approved	Dec-95	90	4	2	0
IRD between EOSDIS and EOS AM-1 for Flight Ops	Hughes 194 219-SE1-019	505-41-15	Angie Kelly	614-5317	Carol Chachulski	925-0661	AM-1 Ed Chang	286-6964	Complete	Jul-95	39	0	0	1
IRD between ECS and the Landsat 7 System	Hughes 219 CD-003-002	505-41-13	Dan DeVito	614-5277	Val Kern	925-1095	Landsat-7 Bob Menrad	286-5511	CCR 005 and 006 Approved	Aug-96	28	0	0	0
IRD between ECS and SAGE-III	Hughes 219 CD-027-002	505-41-22	Richard Ullman	614-5228	Robin Whitehurst	925-0443	Sage		Approved	Jul-96	10	0	0	0
IRD between ECS and Radar Altimeter	Future	505-41-27	Matt Schwaller	614-5382	TBD				Not Written					
IRD between ECS and ACRIM	Future	505-41-29	Matt Schwaller	614-5382	TBD				Not Written					
IRD between ECS and PM-1	Future	505-41-25	Mark Simons	614-5038	TBD		PM Paul Hwang	286-6968	Not Written					
IRD between ECS and Chem	Future	505-41-26	Angie Kelly	614-5317	TBD		Chem Bob Nelson	614-5039	Not Written					
IRD between ECS and AM-2	Future	505-41-28	Angie Kelly	614-5317	TBD				Not Written					
ECS External Data Traffic Requirements	223-CD-001-002	505-41-52	Dick desJardins	614-5329					Version 002	Aug-96				
IRD between ECS and SeaWinds	Future	505-41-23	Matt Schwaller	614-5382	Robin Whitehurst	925-0443	NASDA		Not Written					
IRD between ECS and DAS	Future		Tonjua Hines	614-5333					Not Written					
ECS IRDs TOTALS											403	4	2	1

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Figure C-4. Example of ESDIS IRD Listing (1 of 2)

EDOS IRDs										
RD between EDOS and EGS	560-EDOS-0211.0001R1		Alex Krimchansky	614-5303	Gary Alcott	614-5412	ASTER Hiroshi Watanabe NOAA TBD		Approved	Aug-96	107
RD between EDOS and TGT	560-EDOS-0211.0003R1		Alex Krimchansky	614-5303	Gary Alcott	614-5412	David Littmann		Approved	Aug-96	12
RD between EDOS and EBnet (was Ecom)	560-EDOS-0211.0004R2		Alex Krimchansky	614-5303	Gary Alcott	614-5412	Chris Garman	286-6383	Approved	Aug-96	27
RD between EDOS and the ETS	560-EDOS-0211.0009R1		Alex Krimchansky	614-5303	Gary Alcott	614-5412	Willie Fuller	614-5302	Approved	Aug-96	11
Data Format Requirements Document	560-EDOS-0230.0001		Alex Krimchansky	614-5303	Gary Alcott	614-5412			Approved	Mar-96	35
RD between EDOS and EODSIS Ground Terminals	560-EDOS-0211.0011R1		Alex Krimchansky	614-5303	Gary Alcott	614-5412	Phil Liebrecht Pat Hennessy	286-8831	Approved	Aug-96	7
EDOS IRD TOTALS											199
EBnet IRDs											
EBnet	540-022	TBD	C. Garman	286-6383	P. Sullivan	805-5440			Approved	Sep-95*	36
Other IRDs											
Non-ECS EODSIS Elements to NSI	TBD		R. desJardins	614-5329	Grant Miller	202 434-8954			Prelim	Mar-96	6
AM-1 Detailed Mission Requirements	CSC	none	Angie Kelly	614-5317	Warren Case	794-1771	NISS and AM-1 NASDA, Kawase, NASA		For Approval	Jul-96	156
EDOS II Project IRD	Future	505-41-20	Matt Schwaller	614-5382					Not Written		
EOS PM-1 Mission Specific Reqs. Doc. (MSRD)	Future		Mark Simons	614-5038			NISS and PM-1				
Other IRD TOTALS											162

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Figure C-4. Example of ESDIS IRD Listing (2 of 2)

Document Title	Originators #	ESDIS #	Book Boss	Phone	Author(s)	Phone	Interfacing Organization	Phone	Current Status	Current Date	TBDs	TBRs	TBSs	TBCs
ECS ICDs														
ICD between the ECS and the Version 0 System	Hughes 209-CD-011-004	505-41-30	Greg Hunolt/ David Han	614-5116 614-5303	Bill Singleton	925-0655	DAACs David Han	614-5303	Rel. B Approved	Jun-96	0	0	0	0
ICD between ECS and SCFs	Hughes 209-CD-005-005	505-41-33	Stan Scott	614-5334	Stan West	925-0770	NA		Rel. B Update Approved	Jul-96	0	0	0	0
ICD between ECS and the NSI	Hughes 209-CD-001-003	505-41-31	Dick desJardins	614-5329	Ezra Jaletta	925-0406	NA		Approved	Jul-96	0	0	0	0
ICD between Landsat-7 and ECS	Hughes 209-CD-013-003	505-41-32	Dan DeVito	614-5277	Val Kern	925-1095	Jay Heegar/ Bill Potter/ Rich Irish		Rel. B Deliverable	Mar-96	0	0	0	0
ICD between ECS and ASTER GDS	Hughes 209-CD-002-003	505-41-34	Matt Schwaller	614-5382	Carol Chachulski/ Len Switalski	925-0661/ 925-0812	MITI Hiroshi Watanabe		ECS Rel. A Final; Rel. B Deliverable	Mar-96	2	24	20	0
ICD between ECS and TSDIS (TRMM)	Hughes 209-CD-007-004	505-41-35	Karen Michael	614-5286	Debbie Foch	925-0777	Erich Stocker	286-2153	Approved	Jun-96	0	5	0	0
ICD between ECS and NOAA ADC	Hughes 209-CD-006-005	505-41-36	Matt Schwaller	614-5382	Steve McAllister	925-0816			Rel. B Approved	Jul-96	8	2	1	0
ICD between ECS and SDVF (AM-1)	Hughes 209-CD-025-003	505-41-37	Cindi Adams	286-6148	Carol Chachulski	925-0661	AM-1 Ed Chang	286-6964	CCR 002 Approved	Aug-96	0	0	0	0
IFCD for the EOS AM-1 SAS	Hughes 209-CD-003-003	505-41-38	Cindi Adams	286-6148	Carol Chachulski	925-0661	AM-1 Ed Chang	286-6964	CCR 002 Approved	Aug-96	0	0	0	0
IFCD for the EOS AM-1 Project Data Base	Hughes 209-CD-004-004		Cindi Adams	286-6148	Carol Lloyd	925-0638	AM-1 Ed Chang	286-6964	Approved	Jun-96	0	0	0	0
ICD between ECS and LaRC DAAC	Hughes 209-CD-010-005	505-41-39	Greg Hunolt/ David Han	614-5116 614-5303	William Singleton	925-0655	DAACs David Han	614-5303	Approved	Jul-96	0	0	0	0
ICD between ECS and the GSFC DAAC	Hughes 209-CD-008-005	505-41-40	Greg Hunolt/ David Han	614-5116 614-5303	William Singleton	925-0655	DAACs David Han	614-5303	Approved	Jul-96	21	0	0	0
ICD between ECS and ORNL DAAC	Hughes 209-CD-022-002	505-41-42	Greg Hunolt/ David Han	614-5116 614-5303	Sandra Atallah	925-0798	DAACs David Han	614-5303	Approved	Aug-96	1	2	2	0
ICD between ECS and ASF DAAC	Hughes 209-CD-021-002	505-41-43	Greg Hunolt/ David Han	614-5116 614-5303	Sandra Atallah	925-0798	DAACs David Han	614-5303	Prel.	Mar-96	50	67	4	0
ICD between ECS and JPL DAAC	TBD	505-41-44	Mark Simons	614-5038	TBD				Rel. B not written					
ICD between ECS and NSIDC DAAC	TBD	505-41-45	Mark Simons	614-5038	TBD				Rel. B not written					
ICD between ECS and SAGE III	Hughes 209-CD-027-002	505-41-47	Richard Ullman	614-5228	Robin Whitehurst	925-0443			Rel. B Deliverable	Sep-96	13	1	1	0
ICD between ECS and SeaWinds	Future	505-41-48			Robin Whitehurst	925-0443			Not Written					
ICD between ECS and Radar Alt	Future	505-41-49			TBD				Not Written					
ICD between ECS and ACRIM	Future	505-41-50			TBD				Not Written					
ICD between ETSF and EDC (PM-)	Future		Mark Simons	614-5038	TBD				Not Written					
ICD between EDC and SDVF (PM-) (TRW)	Future		Mark Simons	614-5038	TBD				Not Written					
ICD between EDC and PM-1 Flight Operations D/B	Future		Mark Simons	614-5038	TBD				Not Written					
ICD between EOS and IV&V (PM-) GSFC	Future		Mark Simons	614-5038	TBD				Not Written					
ICD between ECS and DAS	Future		Tonjua Hines	614-5333					Not Written					
ECS ICD TOTALS											95	101	28	0

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Figure C-5. Example of ESDIS ICD Listing (1 of 3)

Document Title	Originators #	ESDIS #	Book Boss	Phone	Author(s)	Phone	Interfacing Organization	Phone	Current Status	Current Date		TBDs	TBRs	TBSs	TBCs
EDOS ICDs															
ICD between EDOS and EGS	510-ICD-EDOS/EGS		Alex Krimchansky	614-5403	Thomas Dugan	507-5972	Loral Carol Chachulski	925-0661	Approved	Aug-96		1	2	0	0
ICD between EDOS and TGT	510-ICD-EDOS/TGT		Alex Krimchansky	614-5403	Amir Abouelnaga	507-5878	David Littmann	507-5878	Reshape Version	Sep-96		0	0	0	0
ICD between EDOS and EBnet	510-ICD-EDOS/EBnet		Alex Krimchansky	614-5403	Amir Abouelnaga	507-5878	Chris Garman	286-6383	Approved	Jun-96		0	0	0	0
ICD between EDOS and ETS	510-ICD-EDOS/ETS		Alex Krimchansky	614-5403	Thomas Dugan	507-5972	Willie Fuller	286-6912	Approved	Jun-96		0	0	0	0
ICD between EDOS and NOAA	510-ICD-EDOS/NOAA		Alex Krimchansky	614-5403	David Moore	507-5884			Approved	Jun-96		0	0	0	0
ICD between EDOS and ASTER GDS	510-ICD-EDOS/ASTER GDS		Alex Krimchansky	614-5403	Thomas Dugan	507-5972	MITI		Approved	Jun-96		0	0	1	0
ICD between EDOS and EOSDIS Ground Terminals	Future								Not Written						
EDOS ICD TOTALS												1	2	2	0
EBnet ICDs															
ICD between EBnet and EOC	540-031		Chris Garman	286-6383	Karen Roycraft	794-2592	Cindi Adams	286-6148	Approved	Jul-96		2	0	0	0
ICD between EBnet and DAACs	540-032		Chris Garman	286-6383	Karen Roycraft	794-2592	Ezra Jaletta	925-0405	Approved	Jul-96		12	0	0	0
ICD between EBnet and ASTER GDS	540-037		Chris Garman	286-6383	Chirag Patel	794-2838	MITI		On Hold	May-96		19	2	0	0
ICD between EBnet and Flight Software Testbed (FSTB)	540-094		Chris Garman	286-6383	Joe Verghese	794-2075	Tom Clement	286-5346	Approved	Jul-96		0	0	0	0
ICD between EBnet and SCS	540-091		Chris Garman	286-6383	Greg Hoffnagle	794-2576	Ray Talipsky	(610) 354-1427	Approved	Jul-96		0	0	0	0
ICD between EBnet and GSE	540-093		Chris Garman	286-6383	Greg Hoffnagle	794-2576	Ray Talipsky	(610) 354-1427	On Hold	Mar-96		1	0	0	0
ICD between EBnet and FDF	540-034		Chris Garman	286-6383	John Schuessler	794-4071	Haseen Uddin	286-2566	Approved	Mar-96		0	0	0	0
ICD between EBnet and SMC	540-036		Steve Smith	286-7336	Lynn Disque	794-2821			On Hold	Jul-96		0	0	0	0
ICD between EBnet and SSIM	540-092		Chris Garman	286-6383	Greg Hoffnagle	794-2576	Ray Talipsky	(610) 354-1427	Approved	Jul-96		0	0	0	0
ICD between EBnet and SAS	540-095		Chris Garman	286-6383	Greg Hoffnagle	794-2576	Ray Talipsky	(610) 354-1427	Approved	Jul-96		0	0	0	0
ICD between EBnet and SDF	540-096		Chris Garman	286-6383	Greg Hoffnagle	794-2576	Ray Talipsky	(610) 354-1427	Approved	Jul-96		0	0	0	0
ICD between EBnet and TSDIS	540-047		Chris Garman	286-6383	Karen Roycraft	794-2592	Erich Stocker	286-2153	Approved	Jul-96		0	0	0	0
ICD between EBnet and LPS	540-097		Chris Garman	286-6383	Mike Perry	794-2165	Bob Schweiss	286-1223	Approved	Jul-96		0	0	0	0
ICD between EBnet and ETS	540-046		Chris Garman	286-6383	Steve Booth	794-4074	Willie Fuller	614-5302	Approved	Jul-96		1	0	0	0
ICDs between EBnet and PM Mission Sites	Future								Not Written						
EBnet ICD TOTALS												36	2	0	0

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Figure C-5. Example of ESDIS ICD Listing (2 of 3)

Document Title	Originators #	ESDIS #	Book Boss	Phone	Author(s)	Phone	Interfacing Organization	Phone	Current Status	Current Date		TBDs	TBRs	TBSs	TBCs
Other ICDs															
ICD/(Apx-AA) for JPL-GSFC for Missions using DSN	502-ICD-JPL/GSFC		Gene Smith	614-5250	Howard Hoge	794-1226	JPL/DSN Leurs Ed		Approved	Jul-96					
ICD/(Apx-F) from MODSD to WOTS	502-ICD-MODSD/SPOD		Gene Smith	614-5250	Howard Hoge	794-1226			In Revision	Jun-96					
ICD between NCCDS and GSFC MOCs	TBD		Gene Smith	614-5250			Cindi Adams	286-6148	ESDIS Approved	Mar-96					
ICD between FDF and ECS	TBD		Gene Smith	614-5250	Joe Garrick	286-5474	Cindi Adams	286-6148	Not Written						
ICD between ECS and SSIM (AM-1)	421-11-19-02	none	Bob Kozon	614-5045	Look-Martin Ray Taljpsky	(610) 354-1427	AM-1 Ed Chang	286-6964	CCB Review	Jul-96					
Data Format Control Book (AM-1)	ICD-106	NA	Bob Kozon	614-5045			AM-1 Ed Chang	286-6964	Approved	Apr-96					
ICD for AM-1 / STDN RF	ICD-104		Gene Smith	614-5250					Complete	Jun-95					
RF ICD for AM-1 / WPS	531-RFICD-EOS AM/WPS		Gene Smith	614-5250					Complete	Jan-95					
ICD between SDPF and TRMM	ICD-107	NA	Bob Kozon	614-5045					Prelim. Complete	May-94					
Direct Access System Users Guide (AM-1)	560-203-103	505-44-51	Karen Michael	614-5286	Greg Henegar	286-7847	Debbie Foch	925-0777	Revision 1	Apr-96 *		6	3	18	0
Command and Telemetry Handbook PM-1	Future		Mark Simons	614-5038					Not Written						
EOS PM-1 S/C to ECS ICD (formats and DFCD)	Future		Mark Simons	614-5038					Not Written						
Appendix to ICD for DSN--PM-1	Future		Mark Simons	614-5038					Not Written						
EOS PM-1 S/C to X-Band Ground Stations/WOTS	Future		Mark Simons	614-5038	Yen Wong	286-7446			Not Written						
EOS PM-1 S/C to Direct Broadcast IDD	Future		Mark Simons	614-5038					Not Written						
S/C Ground System Test Data ICD (PM-1)	Future		Mark Simons	614-5038					Not Written						
X-Band RF ICD for AM-1			Gene Smith	286-4285	Yen Wong	286-7446									
EOS PM-1 S/C to TDRSS/GN	Future		Mark Simons	614-5038	Yen Wong	286-7446			Not Written						
Other ICD TOTALS												6	3	18	0

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Figure C-5. Example of ESDIS ICD Listing (3 of 3)

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